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**BOX AF**

AMENDMENT UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
GROUP 1764  
**PATENT APPLICATION**

AE 12/6/99  
11/16/00  
12/5/02  
1/6

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Attorney Docket No: Q52856

Giuseppe GUARINO, et al.

Appln. No.: 09/231,791

Group Art Unit: 1764

Confirmation No.: 2603

Examiner: Frederick T. Varcoe Jr.

Filed: January 15, 1999

For: METHOD FOR IN-SITU MODERNIZATION OF A HETEROGENEOUS SYNTHESIS  
REACTOR

**AMENDMENT UNDER 37 C.F.R. § 1.116**

**ATTN: BOX AF**  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Final Rejection of March 20, 2002, please amend the above-identified  
application as follows:

**IN THE CLAIMS:**

**Please enter the following amended claims:**

--1. (Four Times Amended) A method for in-situ modernization of a  
heterogeneous synthesis reactor, including an external shell comprising at least a catalytic bed  
(6) provided with a gas inlet perforated cylindrical wall (7) and a gas outlet perforated cylindrical  
wall (8), said method comprising the steps of:

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**TC 1700**